

Abstract

A method for producing a security document having printed image 1 produced by steel intaglio printing and embossed microstructures 2 of an order of magnitude of less than 100 microns is carried out by means of one printing plate 8 on which both the steel intaglio structures and the microstructures are present. The parts of the microstructures closest to printing plate surface 9 are located 20 to 100 microns below the printing plate surface so that they are not touched and destroyed by the wiping cylinder. Alternative methods for producing a steel intaglio printing plate with integrated microstructures are stated. The microstructures can be used for embossing a diffractive relief or a blind embossing.